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IN THE CLAIMS

1.(Previously Submitted) A rotary electrical machine comprised of a pair of relatively rotatable components comprising an armature having a core from which a plurality of circumferentially spaced pole teeth extend in a radial direction, coil windings formed around said pole teeth and a permanent magnet component having a plurality of circumferentially spaced permanent magnets in confronting and closely spaced relation to the tip ends of said pole teeth to define a generally cylindrical gap therebetween, each of said pole teeth and each of said permanent magnets having planar surfaces facing said gap.

2.- 4. (Previously Canceled) A rotary electrical machine as set forth in claim 1, wherein the permanent magnets have planar surfaces facing the gap.

5. (Previously Submitted) A rotary electrical machine as set forth in claim 1, wherein the permanent magnets are spaced from each other at equal circumferential distances.

6. and 7.(Previously Canceled)

8. (Previously Submitted) A rotary electrical machine as set forth in claim 1, wherein the permanent magnets are spaced from each other at different circumferential distances.

9. and 10. (Previously Canceled)

11. (Newly Added) A rotary electrical machine comprised of a pair of relatively rotatable components comprising an armature having a core from which a plurality of circumferentially spaced pole teeth extend in a radial direction, coil windings formed around said pole teeth and a permanent magnet component having a plurality of circumferentially spaced permanent magnets in confronting and closely spaced relation to the tip ends of said pole teeth to define a generally cylindrical gap therebetween, at least one of said pole teeth and said permanent magnets having planar surfaces facing said gap, and at least one of said pole teeth and said permanent magnets being spaced from each other at different circumferential distances.

12. (Newly Added) A rotary electrical machine as set forth in claim 11 wherein the permanent magnets are spaced from each other at different circumferential distances.